

Title (en)

METHOD AND SYSTEM FOR MANAGING DOOR ACCESS BY USING BEACON SIGNAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERWALTUNG EINES TÜRZUGANGS MITTELS BAKENSIGNAL

Title (fr)

PROCÉDÉ ET SYSTÈME POUR LA GESTION D'ACCÈS À UNE PORTE AU MOYEN D'UN SIGNAL DE BALISE

Publication

EP 3355281 A4 20181031 (EN)

Application

EP 16868869 A 20161123

Priority

- US 201562258964 P 20151123
- KR 20160024430 A 20160229
- KR 20160024437 A 20160229
- KR 20160024445 A 20160229
- KR 20160024450 A 20160229
- KR 20160024458 A 20160229
- KR 20160024461 A 20160229
- KR 20160024463 A 20160229
- KR 20160062937 A 20160523
- US 201615233937 A 20160810
- KR 2016013537 W 20161123

Abstract (en)

[origin: EP3355281A1] Disclosed are a method and system for managing access to a door using a beacon signal. An access control method of a user access authority determination unit that controls access of a user, who carries a terminal that approaches a plurality of beacons installed near a door and acquires a signal including beacon data from each of the plurality of beacons, to a target door corresponding to the plurality of beacons may include identifying the target door corresponding to the plurality of beacons using identification information of the plurality of beacons extracted from the beacon data, determining whether the user enters an inner side from an outer side with respect to the target door or exits the inner side to the outer side with respect to the target door; and determining an access authentication process to be performed to unlock the target door according to whether the user enters or exits through the target door.

IPC 8 full level

G07C 9/00 (2006.01); **G08B 3/10** (2006.01); **G08B 5/22** (2006.01); **G08B 13/00** (2006.01); **G08C 17/02** (2006.01)

CPC (source: CN EP KR US)

G07C 9/00309 (2013.01 - CN EP KR US); **G07C 9/00563** (2013.01 - CN EP US); **G07C 9/00571** (2013.01 - CN EP KR US); **G07C 9/00817** (2013.01 - KR); **G07C 9/22** (2020.01 - CN KR); **G07C 9/23** (2020.01 - KR); **G07C 9/25** (2020.01 - CN KR); **G07C 9/27** (2020.01 - CN KR); **G07C 9/28** (2020.01 - US); **H04L 9/3226** (2013.01 - KR); **H04L 9/3231** (2013.01 - KR); **H04W 4/80** (2018.02 - KR); **G07C 2009/00769** (2013.01 - CN EP US); **G07C 2209/63** (2013.01 - CN EP US); **Y02D 30/70** (2020.08 - EP)

Citation (search report)

- [X1] US 2014049361 A1 20140220 - AHEARN JOHN ROBERT [US], et al
- [X] US 2011218709 A1 20110908 - HERMANN STEFAN [DE]
- [A] US 2008290990 A1 20081127 - SCHAFFZIN RICHARD A [US], et al
- See also references of WO 2017090973A1

Cited by

FR3107384A1; WO2022122728A1; WO2021165120A1; CN113614798A; EP4325452A3; US11887416B2; US11900750B2; US11928906B2; WO2020193568A1; US11405784B2; US11765588B2; US11770708B2; US11825292B2; US11902784B2; US12022288B2

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DOCDB simple family (application)

EP 16868869 A 20161123; CN 201680068484 A 20161123; CN 202210191858 A 20161123; JP 2018520442 A 20161123; JP 2020186194 A 20201106; JP 2022165117 A 20221014; KR 20160024430 A 20160229; KR 20160024437 A 20160229; KR 20160024445 A 20160229; KR 20160024450 A 20160229; KR 20160024458 A 20160229; KR 20160024461 A 20160229; KR 20160024463 A 20160229; KR 20160062937 A 20160523; KR 20210148519 A 20211102; KR 20210148525 A 20211102; KR 20210152670 A 20211109; KR 20210152688 A 20211109; KR 20210152690 A 20211109; KR 20220023972 A 20220223; KR 20220070970 A 20220610; KR 20220070971 A 20220610; KR 20220072055 A 20220614; KR 20220072800 A 20220615;

KR 20220073476 A 20220616; KR 20220128560 A 20221007; KR 20230012001 A 20230130; KR 20230065812 A 20230522;
KR 20230065813 A 20230522; KR 20230065814 A 20230522; KR 20230067011 A 20230524; US 202217852355 A 20220628;
US 202318379479 A 20231012